WHAT IS CLAIMED IS:

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1. A device for folding continuous medium comprising:

a swing arm pivotable about an axis at one end of said swing arm, said continuous medium being
10 guided by said swing arm and accordion-folded with equal widths as a result of the swinging operation of said swing arm; and

wherein said swing arm has a telescopic structure for varying the length of said swing arm
15 over a range of a swing of said swing arm.

20   2. The device as claimed in claim 1, wherein said length of said swing arm is minimum at the center of said range and gradually increases towards extreme portions of said range.

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3. The device as claimed in claim 1, wherein said length of said swing arm is varied such
30 that the tip of the swing arm does not touch the top surface of said folded continuous medium.

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4. The device as claimed in claim 1, wherein said swing arm includes an arm main body and

a sub-arm which is extendable and retractable from
the tip of said arm main body.

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        5. The device as claimed in claim 1,
further comprising:
        a table for receiving said folded
10 continuous medium fed via said swing arm, said table
being vertically movable;
        an error detection mechanism for detecting
any fold error of said continuous medium; and
        control means for recovering said device
15 from said fold error in such a manner that, upon
detection of a fold error, the swinging of said
swing arm is stopped, said table is descended
through a predetermined distance and then said table
is ascended back to its original level.
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        6. A continuous medium printing apparatus
25 provided with a device for folding continuous medium,
said device comprising:
        a swing arm being pivotable about an axis
at one end of said swing arm, said continuous medium
being guided by said swing arm and accordion-folded
30 with equal widths as a result of the swinging
operation of said swing arm; and
        wherein said swing arm has a telescopic
structure such that the length of said swing arm
varies over a range of a swing of said swing arm.
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